

# AMENDMENTS TO THE SPECIFICATION

## **In the Specification:**

Please replace the paragraph beginning at page 11, line 1 starting with “To compute a suitable” with the following amended paragraph:

To compute a suitable cluster set, the measures (B) and (C) described above (Fig. 1), are combined with a third measure, which measures how evenly spread throughout a song the clusters are (call this measure (D)). For example, if 3 clusters were found, but all lie within the first 20 seconds of the song, it is unlikely that those clusters are choruses, whereas if 3 clusters are found, and they are evenly spaced throughout the song, then it is more likely that those clusters are choruses. The quantity (D) is measured for each set found. For a given set, (D) is measured as follows. Consider the case for a given cluster set where  $N$  clusters have been found. First, the entire audio file is normalized to have duration equal to 1. Let the time position of the  $i^{th}$  cluster be  $t_i$ . Define  $t_0 \equiv 0$  and  $t_{N+1} \equiv 1$ . Then quantity (D) is computed as:

$$\frac{(N+1)}{N} \left( 1 - \sum_{i=1}^{N+1} (t_i - t_{i-1})^2 \right).$$